

CLAIMS

1. A fire-fighting installation comprising a drive source for feeding medium into at least one spray head of the fire-fighting installation, said at least one spray head releasing by impact of heat, the drive source comprising a pump unit for feeding liquid into said at least one spray head releasing by impact of heat through a supply line, a portion of the supply line restricted to the spray head being filled with gas provided with a standby pressure, a gas source for maintaining the standby pressure of the supply line and a sensor arranged to provide a signal for starting the pump unit in response to a change occurring in the state of the medium in the supply line, wherein the sensor is a flow transducer arranged to provide a signal to the pump unit, if the flow of gas in the portion of the supply line exceeds a certain predetermined value.

2. A fire-fighting installation as claimed in claim 1, wherein the spray head is arranged to spray mist.

3. A fire-fighting installation as claimed in claim 1, wherein the gas source is a pressure accumulator connected to said portion of the supply line and which controlled by a first pressure switch attached to the output of the pressure accumulator is arranged to feed gas to the supply line in case the pressure of the supply line drops below a certain first value in order to maintain the standby pressure.

4. A fire-fighting installation as claimed in claim 3, wherein the pressure accumulator is controlled by a second pressure switch associated with the output of the pressure accumulator arranged before starting the pump unit to raise the pressure in the supply line at the most to a certain second value that goes below the pressure in the supply line caused by the pump unit after having started the pump unit.

5. A fire-fighting installation as claimed in claim 1, wherein the gas in the portion of the supply line and in the pressure accumulator is nitrogen gas.

6. A fire-fighting installation as claimed in claim 1 or 5, wherein said liquid is water, whereby the pump unit is arranged to feed water into the supply line.

7. The use of a fire-fighting installation as claimed in claim 1 in spaces where water is liable to freeze.

8. A drive source of a fire-fighting installation comprising a pump unit for feeding liquid into the fire-fighting installation through a supply line, the por-

tion of the supply line restricted to the fire-fighting installation being filled with gas having a standby pressure, a gas source for maintaining the standby pressure of the supply line and a sensor arranged to provide a signal to start the pump unit in response to a change occurring in the state of the medium in the supply line, wherein the sensor is a flow transducer arranged to provide a signal to the pump unit if the flow of gas in said portion of the supply line exceeds a certain predetermined value.